

## Lect. PhD ESRA GÜNERİ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-2859-2013

ScopusID: 14830187800

Yoksis Researcher ID: 107957

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Dr), Turkey 2003 - 2010

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, Turkey 1995 - 2000

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Vocational Training, İlköğretim Eğitim Programı, Ankara University, 2018

Vocational Training, Araştırma Görevlileri İçin Eğitimcilerin Eğitim Sertifikası Programı, Ankara University, 2017

Vocational Training, Gıda Mevzuatı ve Gıda Güvenliği, Ankara University Institute of Food Safety, 2017

Vocational Training, Araştırma Görevlileri İçin Araştırma Yöntemleri Eğitim Programı (Fen Bilimleri Alanı), Ankara University, 2017

Vocational Training, Ulusal ve Uluslararası Proje Hazırlama Eğitim Programı, Ankara University, 2017

Vocational Training, Kamu İhale Mevzuatı ve İkincil Mevzuat, KAMEDER, 2010

Quality Management, ISO 9001:2000 Standart-Awareness Course, IEC Kalite Gözetim ve Denetim Hizmetleri Ltd. Şti, 2007

Foreign Language, English For Students of Agrarian and Natural Sciences and Biology 1, Humboldt-Universität zu Berlin Zentraleinrichtung Sprachenzentrum, 2006

### Dissertations

Doctorate, Nohut (*Cicer arietinum* L.) çeşitlerinde kuraklığa bağlı oksidatif stresin fizyolojik ve biyokimyasal parametrelerle belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Dr), 2010

Postgraduate, Atık çamur uygulanan kireçli toprakta yetiştirilen kıvrıkcık bitkisinde kadmiyum ve çinkonun biyolojik alınabilirlik indeksi, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 2003

## Research Areas

Agriculture

## Academic Titles / Tasks

Lecturer PhD, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2011 - Continues  
Research Assistant, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2002 - 2008

## Academic and Administrative Experience

Technical Member of the Examination Acceptance Commission, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2023 - Continues  
Responsible for Accredited Soil Analysis Laboratory, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2016 - Continues  
Responsible for Department Soil Laboratories, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2015 - Continues  
Responsible for Department Asset Registration , Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2015 - Continues  
Responsible for Department Professional Practice and Exam Program , Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2015 - Continues  
SSS-Responsible for Organization and Project , Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2011 - Continues  
Assistant Internship Supervisor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2023 - 2023  
Muayene Komisyonu Üyesi, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2019 - 2019  
Court Expert-Main No: 2017/90, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2018 - 2018  
Court Expert-File No: 2017/109, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2018 - 2018  
Assistant Internship Supervisor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2017 - 2017  
Court Expert-Main No: 2013-275, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2015 - 2017  
Assistant Internship Supervisor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2016 - 2016

## Courses

### Undergraduate

Toprak Bilimi, Undergraduate, 2023 - 2024, 2022 - 2023  
Natural Resources and Environmental Management, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Environmental Pollution, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Environmental Impact Assessment, Undergraduate, 2022 - 2023, 2021 - 2022  
Soil Science, Undergraduate, 2023 - 2024, 2022 - 2023

### Associate Degree

Soil Science, Associate Degree, 2023 - 2024, 2022 - 2023, 2020 - 2021  
Soil Science, Associate Degree, 2023 - 2024  
SOIL SCIENCE, Associate Degree, 2023 - 2024  
Soil Science, Associate Degree, 2023 - 2024  
Soil Science, Associate Degree, 2023 - 2024, 2022 - 2023, 2020 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Utilizing chicken manure incineration ash as a phosphorus and silicon source to mitigate boron absorption in barley grown on boron-contaminated soil**  
Güneri E., Taskin M. B., Akca H., Kan S., Kizilkaya R. B., Yagcioglu K. D., Kadioglu Y. K., Gunes A.  
JOURNAL OF PLANT NUTRITION, pp.1-12, 2024 (SCI-Expanded)
- II. **Combined effect of arsenic and phosphorus on mineral element concentrations of sunflower**  
Güneş A., İnal A., Güneri E., Kadioğlu Y. K.  
Communications in Soil Science and Plant Analysis, vol.41, no.3, pp.361-372, 2010 (SCI-Expanded)
- III. **Recovery of bean plants from boron-induced oxidative damage by zinc supply**  
Güneş A., İnal A., Güneri E.  
Russian Journal of Plant Physiology, vol.56, no.4, pp.503-509, 2009 (SCI-Expanded)
- IV. **Effect of drought stress implemented at pre- or post-anthesis stage on some physiological parameters as screening criteria in chickpea cultivars**  
Gunes A., Inal A., Adak M. S., Bagci E., Cicek N., Eraslan F.  
RUSSIAN JOURNAL OF PLANT PHYSIOLOGY, vol.55, no.1, pp.59-67, 2008 (SCI-Expanded)
- V. **Interspecific facilitative root interactions and rhizosphere effects on phosphorus and iron nutrition between mixed grown chickpea and barley**  
Gunes A., Bagci E., Inal A.  
Journal of Plant Nutrition, vol.30, no.9, pp.1455-1469, 2007 (SCI-Expanded)
- VI. **Silicon increases boron tolerance and reduces oxidative damage of wheat grown in soil with excess boron**  
Gunes A., Inal A., Bagci E., Coban S., Sahin O.  
Biologia Plantarum, vol.51, no.3, pp.571-574, 2007 (SCI-Expanded)
- VII. **Silicon mediates changes to some physiological and enzymatic parameters symptomatic for oxidative stress in spinach (*Spinacia oleracea* L.) grown under B toxicity**  
Gunes A., Inal A., Bagci E., Coban S., Pilbeam D. J.  
Scientia Horticulturae, vol.113, no.2, pp.113-119, 2007 (SCI-Expanded)
- VIII. **Salicylic acid induced changes on some physiological parameters symptomatic for oxidative stress and mineral nutrition in maize (*Zea mays* L.) grown under salinity**  
Gunes A., Inal A., Alpaslan M., Eraslan F., Bagci E., Cicek N.  
Journal of Plant Physiology, vol.164, no.6, pp.728-736, 2007 (SCI-Expanded)
- IX. **Silicon-mediated changes on some physiological and enzymatic parameters symptomatic of oxidative stress in barley grown in sodic-B toxic soil**  
Gunes A., Inal A., Bagci E., Coban S.  
Journal of Plant Physiology, vol.164, no.6, pp.807-811, 2007 (SCI-Expanded)
- X. **Mineral nutrition of wheat, chickpea and lentil as affected by mixed cropping and soil moisture**  
Gunes A., Inal A., Adak M. S., Alpaslan M., Bagci E., Erol T., Pilbeam D. J.  
Nutrient Cycling in Agroecosystems, vol.78, no.1, pp.83-96, 2007 (SCI-Expanded)
- XI. **Silicon-mediated changes of some physiological and enzymatic parameters symptomatic for oxidative stress in spinach and tomato grown in sodic-B toxic soil**  
Gunes A., Inal A., Bagci E., Pilbeam D. J.  
Plant and Soil, vol.290, no.1-2, pp.103-114, 2007 (SCI-Expanded)
- XII. **Antioxidant and stomatal responses of grapevine (*Vitis vinifera* L.) to boron toxicity**  
Gunes A., Söylemezoğlu G., Inal A., Bagci E., Coban S., Şahin Ö.  
Scientia Horticulturae, vol.110, no.3, pp.279-284, 2006 (SCI-Expanded)
- XIII. **Effects of exogenously applied salicylic acid on the induction of multiple stress tolerance and mineral nutrition in maize (*Zea mays* L.)**  
Güneş A., İnal A., Alpaslan M., Cicek N., Güneri E., Eraslan F., Guzelordu T.  
Archives of Agronomy and Soil Science, vol.51, no.6, pp.687-695, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of Drought Stress on Sensitivities and Yields of Chickpea(Cicer arietinum L.) Cultivars**  
GÜNERİ E., GÜNEŞ A., İNAL A., ADAK M. S.  
YÜZÜNCÜ YIL ÜNİVERSİTESİ TARIM BİLİMLERİ DERGİSİ, vol.28, pp.180-189, 2018 (Scopus)
- II. **Sodium-resistant plant growth-promoting rhizobacteria isolated from a halophyte, Salsola grandis, in saline-alkaline soils of Turkey**  
KATAOKA R., GÜNERİ E., TURGAY O. C., YAPRAK A. E., SEVİLİR B., BAŞKÖSE İ.  
EURASIAN JOURNAL OF SOIL SCIENCE (EJSS), vol.6, no.3, pp.216, 2017 (Peer-Reviewed Journal)
- III. **Variations in essential and non-essential element composition and yield of silage corn fertilized with sulfur**  
Güneş A., İnal A., Bağcı E., Kadioğlu Y. K., Eraslan F.  
Journal of Plant Interactions, vol.3, no.3, pp.181-188, 2008 (Scopus)
- IV. **Influence of silicon on antioxidant mechanisms and lipid peroxidation in chickpea (Cicer arietinum L.) cultivars under drought stress**  
Güneş A., Pilbeam D. J., İnal A., Bağcı E., Coban S.  
Journal of Plant Interactions, vol.2, no.2, pp.105-113, 2007 (Scopus)
- V. **Genotypic response of chickpea (Cicer arietinum L.) cultivars to drought stress implemented at pre- and post-anthesis stages and its relations with nutrient uptake and efficiency**  
Gunes A., Cicek N., Inal A., Alpaslan M., Eraslan F., Guneri E., Guzelordu T.  
Plant, Soil and Environment, vol.52, no.8, pp.368-376, 2006 (Scopus)

## Books

- I. **Nallıhan ilçesinde uygulamalı eğitim çalışması Toprak Bilim Okulu**  
ARCAK S., Sonay S. O., HAKVERDİ CAN M., KİBAR M., GÜNERİ E.  
Başak Matbaacılık Tanıtım LTD.Şti., Ankara, 2015

## Papers Published in Refereed Scientific Meetings

- I. **Water and Surface Sediment Characteristics in Tuz Lake as a Wetland**  
TOPÇU A., MERİÇ TURGUT İ., Mine K. U., GÜNERİ E.  
SOFAS 2022, International Symposium on Fisheries and Aquatic Sciences October 25-27, 2022 / Trabzon-Turkey, Trabzon, Turkey, 25 October 2022, pp.88
- II. **Farklı asma anaçları üzerine aşılı sultani çekirdeksiz (Vitis vinifera L.) üzüm çeşidinin bor ve tuz stresine tolerans mekanizmalarının stresle ilgili fizyolojik parametreler ve antioksidan enzimlerle belirlenmesi**  
ŞAHİN Ö., GÜNEŞ A., İNAL A., SÖYLEMEZOĞLU G., GÖKBAYRAK Z., GÜNERİ E.  
6. Ulusal Bitki Besleme ve Gübre Kongresi, Turkey, 3 - 06 June 2013
- III. **Effect of Drought Stress on Sensitivities and Yields of Chickpea (Cicer arietinum L.) Cultivars**  
Güneri E.  
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.550
- IV. **Rural Life Experience for Gifted Students**  
Güneri E., Arcağ S., Gelbal S., Sözüdoğru Ok S., Kibar M., Hakverdi Can M., Kibrışhoğlu Uysal N.  
4th International Congress on Education, Distance Education and Educational Technology- ICDET 23-24 November 2018, Antalya, Turkey, Antalya, Turkey, 23 - 24 November 2018, pp.21-29
- V. **Evaluation of Drought Susceptibility Index Canopy Temperatures and Stay Green Leaf Durations of Chickpea Cultivars Cicer Arietinum L to Determine of Drought Tolerances**  
GÜNERİ E.

5th EUROSIL International Congress, Istanbul 2016, 16 - 21 October 2016

**VI. Investigation of Chickpea Cultivars in Responses to Drought Stress with the Physiological and Biochemical Parameters**

GÜNERİ E., GÜNEŞ A., ADAK M. S., İNAL A., Şahin Ö.

II. Ulusal Bitki Fizyolojisi Sempozyumu, Mersin, Turkey, 31 August - 03 September 2016

**VII. School of Soil Science Education of Soil Erosion and Desertification Toprak Bilim Okulu Toprak Erozyon ve Çölleşme**

ARCAK S., SÖZÜDOĞRU OK S., KİBAR M., GÜNERİ E.

VIII. EUROPEAN CONFERENCE ON SOCIAL AND BEHAVIORAL SCIENCES, Serbia, 3 - 06 September 2015

**VIII. Determination of Cd and Zn Bioavailability Index in Lettuce Plants Grown in Sewage Sludge Amended Calcareous Soil**

Güneri E., Arcak S.

AGRO ENVIRON 2004 , Udine, Italy, 20 - 24 October 2004, pp.295-302

**IX. Biber bitkisinin gelişimi ve mineral madde kapsamına bor toksisitesi ve jips uygulamasının etkisi**

ERASLAN İNAL F., ÇİÇEK ATIKMEN N., GÜNERİ E.

Türkiye 3. Ulusal Gübre Kongresi, Tarım-Sanayi-Çevre., Tokat, Turkey, 11 - 13 October 2004, vol.1, pp.343-350

## Supported Projects

Güneri E., TUBITAK Project, Yüksek Bor İçeren Toprak ve Maden Atıklarında Farklı Gübrelemeler ile Vetiver (*Chrysopogon Zizanioides* L. Nash) Bitkisinin Yetistirilme ve Fitoremediasyon Potansiyelinin Belirlenmesi - Ön Çalışma, 2023 - 2024

Arcak S., Güneri E., Hakverdi Can M., Gelbal S., Sözüdoğru Ok S., Kibar M., TUBITAK Project, Özel Yetenekli Öğrencilerin Tarımsal Yaşam Deneyimi, 2018 - 2018

Arcak S., Sözüdoğru Ok S., Kibar M., Güneri E., Hakverdi Can M., Development Agency, Nallıhan İlçesinde Uygulamalı Eğitim Çalışması Toprak Bilim Okulu Projesi, 2015 - 2015

Arcak S., Sözüdoğru Ok S., Gelbal S., Hakverdi Can M., Güneri E., TUBITAK Project, Toprak Erozyon ve Çölleşme Projesi, 2013 - 2014

Arcak S., Sözüdoğru Ok S., Gelbal S., Hakverdi Can M., Güneri E., TUBITAK Project, TOPRAK ÇEVRE ve İKLİM DEĞİŞİKLİĞİNİ ÖĞRENİYORUM, 2011 - 2012

Söylemezoğlu G., Güneş A., İnal A., Gökbayrak Z., Güneri E., Çakır A., TUBITAK Project, Amerikan Asma Anaçlarında Bor ve Tuz Stresine Tolerans Mekanizmalarının Stres ile İlgili Fizyolojik Parametreler ve Antioksidan Enzimler ile Belirlenmesi, 2006 - 2009

Güneş A., Alpaslan M., İnal A., Adak M. S., Güneri E., TUBITAK Project, Türkiye de Yetiştirilen Bazı Nohut Cicer arietinum L Çeşitlerinde Kuraklığa Bağlı Oksidatif Stres ve Fizyolojik ve Biyokimyasal Tolerans Mekanizmalarının Belirlenmesi, 2005 - 2008

## Memberships / Tasks in Scientific Organizations

Türkiye Toprak Bilimi Derneği, Member, 2001 - Continues, Turkey

TÜBİTAK BİDEP 2209-A Üniversite Öğrencileri Araştırma Projeleri Desteği Programı 1. Dönem Başvuru Değerlendirme - Ziraat 1.13 Paneli, Consultant, 2022 - 2022, Turkey

## Peer Reviews in Scientific Publications

TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, Other Indexed Journal, November 2024

Universal Journal of Agricultural Research, Other Indexed Journal, November 2024

Universal Journal of Agricultural Research, Other Indexed Journal, October 2023

Universal Journal of Agricultural Research, Other Indexed Journal, October 2023  
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, Other Indexed Journal, October 2023  
TARIM BILIMLERI DERGISI, Journal Indexed in SCI-E, September 2023  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, April 2023  
Universal Journal of Agricultural Research, Other Indexed Journal, April 2023  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, March 2023  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, February 2023  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, December 2022  
Anadolu Tarım Bilimleri Dergisi, National Scientific Refreed Journal, October 2021  
TARIM BILIMLERI DERGISI, Journal Indexed in SCI-E, October 2021  
Universal Journal of Agricultural Research, Other Indexed Journal, October 2021  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, February 2019  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, July 2018  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, March 2018  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, November 2017  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, June 2017  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, Journal Indexed in SCI-E, June 2017  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, July 2016  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, June 2016  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, April 2016  
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, November 2015  
ENVIRONMENTAL EARTH SCIENCES, SCI Journal, May 2014

## Scientific Consultations

TÜBİTAK-BİDEP, Other, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, Turkey, 2022 - 2022

## Tasks In Event Organizations

Akkurt M., Güz N., Dilaver Z., Meriç Turgut İ., Şanlı T., Ataseven Y., Dayıoğlu M. A., Anlı A. S., Akdoğan G., Güneri E., et al., Ankara Üniversitesi Ziraat Fakültesi 10. Öğrenci Kongresi, Scientific Congress, Ankara, Turkey, Nisan 2014  
Erpul G., Bayramin İ., Namlı A., Turgay O. C., Öztürk H. S., Çaycı G., Sözüdoğru Ok S., Deviren Saygın S., Güneri E., Türkmen F., 6th International Symposium Agro Environ "Natural Resources Conservation, Use & Sustainability", Scientific Congress, Antalya, Turkey, Mayıs 2008

## Metrics

Publication: 36  
Citation (WoS): 1196  
Citation (Scopus): 1656  
H-Index (WoS): 11  
H-Index (Scopus): 13

## Congress and Symposium Activities

SOFAS 2022, International Symposium on Fisheries and Aquatic Sciences, Attendee, Trabzon, Turkey, 2022  
ZİDEK-Program Değerlendiricisi Eğitim Çalıştayı, Attendee, Ankara, Turkey, 2020  
4th International Congress on Education, Distance Education and Educational Technology- ICDET, Attendee, Antalya,

Turkey, 2018

International Agricultural Science Congress, Attendee, Van, Turkey, 2018

5th EUROSIL International Congress, Attendee, İstanbul, Turkey, 2016

II. Ulusal Bitki Fizyolojisi Sempozyumu, Attendee, Mersin, Turkey, 2016

AGRO ENVIRON 2004, Attendee, Udine, Italy, 2004

## **Invited Talks**

Eko-Okullar Programı 1. Toplantısı, Seminar, Türkiye Çevre Eğitim Vakfı , Turkey, December 2018

## **Scholarships**

Uluslararası Öğrenci Değişimi Programı Erasmus Bursu, University, 2006 - 2006

Yurt İçi Yüksek Lisans Bursu, TUBITAK, 2001 - 2002